# Main Button Assignment

**Default**

The default button assignments may be changed from the above configuration.

**Button assignment choices**

**Disable -** Disable a button.

**Left Click -** Set a button to function as the Left Click.
*Note: One button must always be set as the left click button.*

**Right Click -** Set a button to function as Right Click.

**Mouse Wheel Click -** Set a button to function as the Mouse Wheel Click.

**IE forward -** Set a button to function as the browser page foward button.

**IE backward -** Set a button to function as the browser page backward button

**Macro -** Set a Stored Macro to execute when button is pressed.

**Keyboard -** Set a button to perform a selected key stroke.

**Multimedia -**

- **Web Browser -** Set a button to open the default web browser.
- **E-Mail -** Set a button to open the default email program.
- **Media Player -** Set a button to open the default media player program.
- **Play/Pause -** Set a buton to function as the play/pause media function.
- **Stop -** Set a button to function as the stop media function.
- **Next Track -** Set a button to function as the next track media function.

**Multimedia (cont)-**

**Prev Track -** Set a button to function as the previous track media function.

**Mute -** Set a button to function as the volume mute media function.

**Volume up** Set a button to function as the volume up media function.

**Volume down** Set a button to function as the volume down media function.

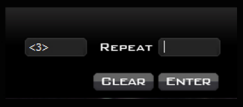
**Calculator** Set a button to open the Windows calculator program.

**My Computer** Set a button to open the Windows My Computer file explorer.

**Rapid fire -**

**Keyboard -** Set a button to function as a repeating key stroke.

Press a key on the keyboard.
Enter a number for the amount of times to repeat the keystroke.




Click ENTER to store the key stroke and the number of times to repeat the key stroke.

**Profile -**

**Profile 0 -** Set a button to switch to Profile 0(default).

**Profile 1 -** Set a button to switch to Profile 1.

**Profile 2 -** Set a button to switch to Profile 2.

**Profile 3 -** Set a button to switch to Profile 3.

**Next profile -** Set a button to switch to the next Profile.

**Previous profile -** Set a button to switch to the previous Profile.

**Profile cycle[+] -** Set a button to switch to the next Profile. Hold to cycle forward through the profiles.

**Profile cycle[-] -** Set a button to switch to the previous Profile. Hold to cycle forward through the profiles.

**DPI -**

**DPI level 1 -** Set a button to switch to the active Profile's Level 1 DPI setting.

**DPI level 2 -** Set a button to switch to the active Profile's Level 2 DPI setting.

**DPI level 3 -** Set a button to switch to the active Profile's Level 3 DPI setting.

**DPI level 4 -** Set a button to switch to the active Profile's Level 4 DPI setting.

**DPI [+] -** Set a button to increase one DPI level for the active Profile.

**DPI [-] -** Set a button to decrease one DPI level for the active Profile.

**DPI cycle [+] -** Set a button to cycle DPI from level 1 to level 4.

**DPI cycle [-] -** Set a button to cycle DPI from level 4 to level 1.

**Sensor on/off -** Set a button to turn the mouse sensor on and off.

# Mouse DPI and USB Polling Rate

## DPI Settings

1) Select the ADVANCED tab from top of software

2) Each profile allows for the setting of 4 DPI levels to switch to in that profile.

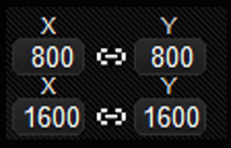
3) Choose which DPI Level you want to set the DPI.

4) Slide the slider on the bar right to increase the mouse sensitivity.
The further the tab is to the right, the faster the mouse cursor will move.

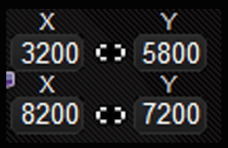
Settings can be set from 200 to 8200 DPI.

5) Click the beween the numerical values to adjust the DPI settings for the X axis separate from the Y Axis.

Adjust the Axis at same time.




Adjust the Axis separately.




## USB Polling Rate

The polling rate (or report rate) determines how often the mouse sends information to your computer.

Increasing the polling interval will improve precision at the tradeoff of using more CPU resources.

1) Select the ADVANCED tab from top of software

2) Slide the tab to set the Polling Rate for the mouse.

# LED Modes and Other Settings

## LED Mode

There are 4 LED MODES

**Always On**- The LEDs on the mouse are always on.(DEFAULT)

**Always Off**- The LEDs are turned off.

**Breathing**- The LEDs will increase brightness and decrease brightness.

**Rapid Fire**- The LEDs will light up depending on the activitiy of the mouse.

1) Select the ADVANCED tab from top of software
2) Select the LED MODE that you wish to use.

## LED Brightness

Adjust how bright the LEDs will appear.
Slide the slider to the right to increase the brightness.
Slide the slider to left to decrease the brightness.

## OS Sensitivity

Mouse sensitivity is how far the mouse moves with a certain movement.

## OS Double Click Speed

Adjust this setting to change how fast the left and right click buttons must be pressed to register a Double Click.

The lower the number , the slower the presses to complete a Double Click will be. Set the number higher to require faster presses of the buttons to complete a Double Click.

## Button Response Time

The delay time between the clicking of the mouse button and the system executing the button press.
Set the slider to the left for faster response time .

## Lock OS Settings

Locks the software from controlling the settings. The Operating system mouse settings will control how the mouse functions.

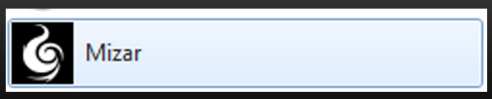
## Angle Snapping

Angle snapping is a type of path correction in mouse sensors that assists in drawing horizontal or vertical lines (useful for graphical applications). The sensor will predict when you attempt to draw a straight line and correct any movement that drifts away from that line. This is not an accurate representation of your movement, so most people prefer to play without prediction.

# Profile Settings

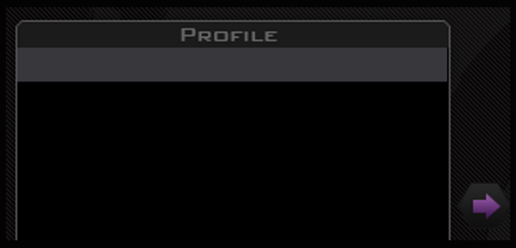
## Save Profile to Computer

1) Open the Mizar software by double clicking the icon in the Start Menu.

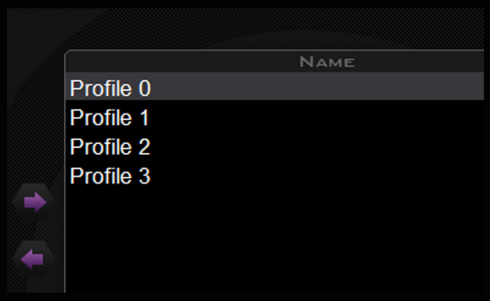



2) Click on the Profiles Tab to edit your Profiles.

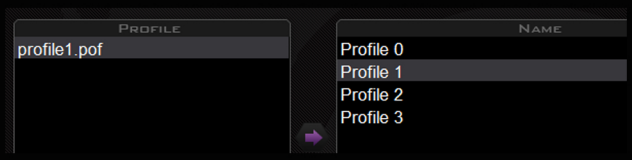
3) By Default, there are no Profiles stored on the computer.




4) Click on Profile in NAME panel and then Click the




5) This will move the stored profile on the mouse to the computer to be saved.

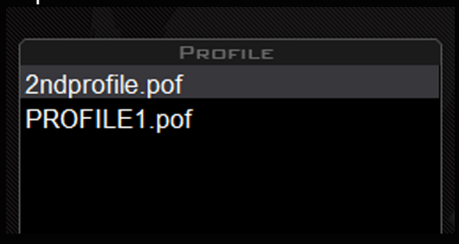



## Load Profile from Computer

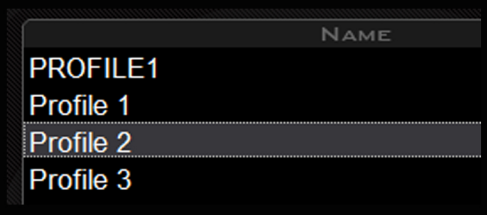
1) Open the Mizar software by double clicking the icon in the Start Menu.

2) Click on the Profiles Tab to edit your Profiles.

3) Highlight the Saved profile to upload to the Mizar.

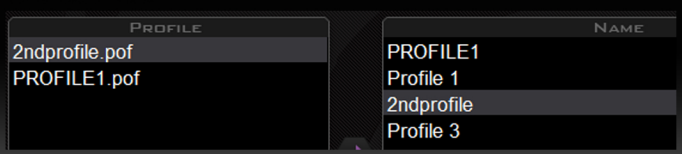



4) Highlight the profile on the Mizar that is to be replaced by the Saved profile.




5) Click to transfer the Profile from computer to the Mizar.

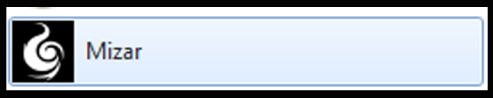
EXAMPLE:



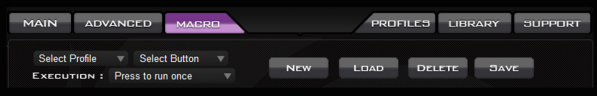
# Spawn Mouse Macro Setup Guide

## Create a Macro

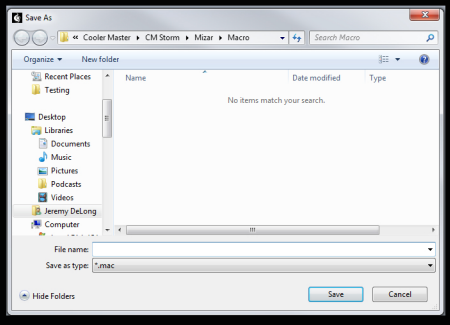
1) Open the Mizar software by double clicking the icon in the system tray



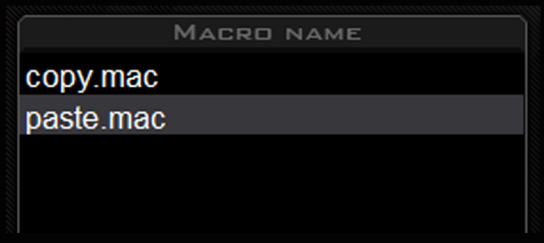

2) Click on the Macro Tab to edit your Macros




3) Click on NEW and give a name to the macro




4) Click on the Macro name in the list.

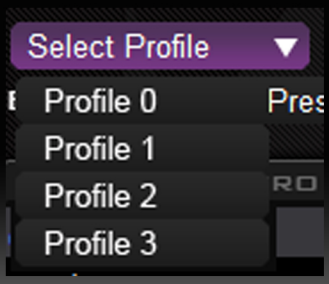



5) Click on . Execute your macro. In this example, we use the keyboard short-cut commands for copy.

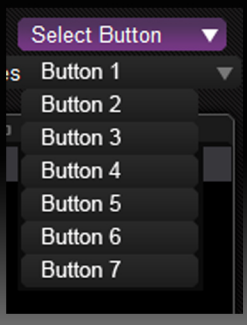
6) Click on . Click on SAVE The Macro is now stored.

## Assign Macro to Mouse

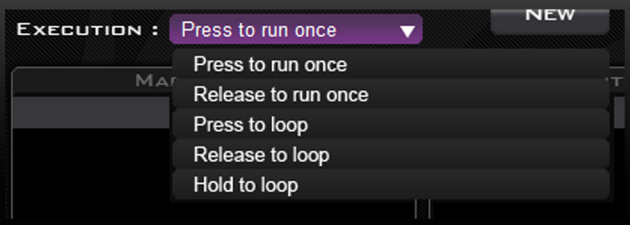
1) Select the Profile to assign the macro to.




2) Choose a button to assign the macro to.



3) Select the execution type for the macro.




**Press to run once** - pressing the assigned button activates the programmed macro.

**Release to run once** - pressing the assigned button and then releasing the button activates the programmed macro.

**Press to loop** - pressing the assigned button down causes the programmed macro to repeat over and over until the assigned button is pressed again.

**Release to loop** - pressing and releasing the assigned button causes the programmed macro to repeat over and over until the assigned button is released.

**Hold to loop** - holding the assigned button down causes the programmed macro to repeat over and over until the assigned button is released.

4) Set the delay between keystrokes.

If you wish to use the natural delay between the keystrokes, select the "With Time" on the setup.

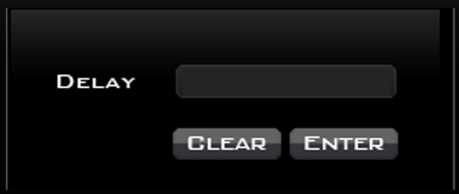
To have a set delay between each keystroke, then choose the delay time from the dropdown.

Then press record button and the choosen delay time will be substituted for the natural delay time of the keystroke.

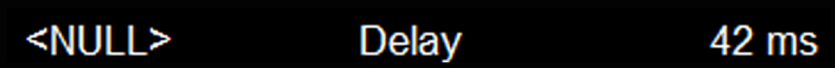
## INSERT FUNCTIONS

### Delay Cycle

The delay cycle can also be set by choosing the INSERT dropdown and selecting "delay(ms)




Enter in the delay time(in ms) and press ENTER. The delay will then be plac ed in line in the actions list.



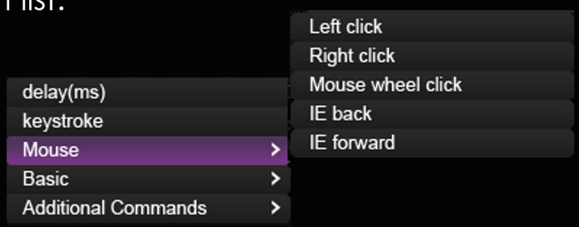

### Keystroke

The keystroke function allows the input of single keyboard keystroke into the action list.
Choose "keystroik" and enter in the keystroke. The keystroke will appear in the on screen box.

**NOTE: The ALT and CTRL keys can not be programmed in this manner.

### Mouse

The mouse function allows the input of basic mouse functions to be added to the action list.

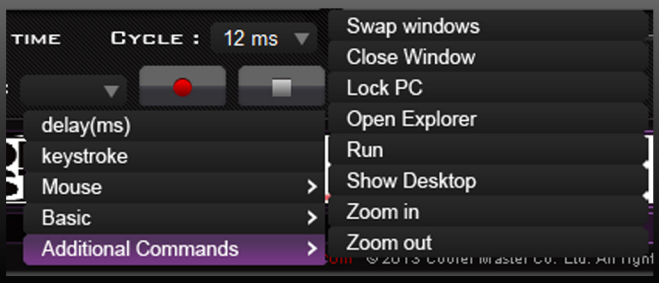



### Basic

The Basic function allows the input of commonly used functions into the action list.

## Additional Commands

The Additional Commans allows for the use of some Windows short cut commands.




**-Swap windows**
Swap between windows as if using ALT + TAB function.

**-Close Window**
Close active window as if using ALT + F4.

**-Lock PC**
Lock your computer desktop as if using the lock function from the windows START menu.

**-Open Explorer**
Open Windows Explorer window.

**-Run**
Opens windows command prompt to run a program.

**-Show Desktop**
Minimizes all open windows to allow access to the desktop.

**-Zoom in**
Zoom in to increase size of viewing area.

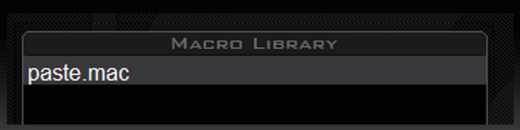
**-Zoom out**
Zoom out to decrease size of viewing area.

## Assign Macro to Mouse From Library

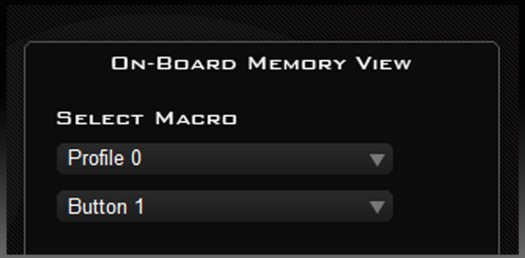
1) Open the Mizar software by double clicking the icon in the Start Menu.

2) Click on the LIBRARY Tab.

3) Highlight the created Macro in the Macro Library column to copy it to the mouse.




4) Select the Profile and the button on the Mizar to assign the macro to.



5) Click the to assign the highlighted Macro to the choosen Profile and button.

**IMPORT/EXPORT**

The Import function is used to import saved Macros to the Library.

The Export function is to export saved Macros from the Library.